F00014

F.E. 6 (1935)

Form 504
Rev. Dec. 1933
DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY
R. S. PATTON, Director

DESCRIPTIVE REPORT

~~Topographic~~ } Sheet No. 1
Hydrographic }

Not to be registered

F. E. 6 (1935)

State TEXAS

LOCALITY

Nueces Bay

1934

CHIEF OF PARTY

Lt. F° O° Heaton

U. S. GOVERNMENT PRINTING OFFICE: 1934

F00014

NOTE: A new system for registering Field Examinations (FE's) was established in 1980. All FE's are now consecutively numbered as shown hereon. The date shown in the new format is the actual date of survey. This material was previously registered as: FE No. 6 1935

Form 537
Ed. Dec., 1930

Reconnaissance — not filed as an original sheet.

REG. NO.

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

~~HYDROGRAPHIC TITLE SHEET~~

The Hydrographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

Field No. 1

REGISTER NO.

State TEXAS

General locality Gulf Coast

Locality Nueces Bay

Scale 1/20,000 Date of survey Mar.-Apr. ~~June~~ 1934, 19

Vessel Skiff

Chief of Party Lt.E.O.Heaton

Surveyed by J.L.Hale, Observer.

Protracted by Work abandoned and no smooth sheet made.

Soundings penciled by Do.

Soundings in ~~XXXXXX~~ feet

Plane of reference

Subdivision of wire dragged areas by

Inked by

Verified by

Instructions dated Nov.5,1932, Nov. 16,1933 & Mar. 5, 19 34

Remarks: Work on the sheet was abandoned when the area was found to be of no importance and little changed from previous survey.

U. S. GOVERNMENT PRINTING OFFICE 1932

DESCRIPTIVE REPORT
To accompany Hydrographic Sheet No.1 (not filed as an original sheet)

Date of Instructions

Instructions for this work were dated Nov. 5, 1932, with supplemental instructions dated Nov. 16, 1933, and Mar.5, 1934 (project HT 118)

Survey Methods.

This work was done from a skiff, using a pole graduated in feet and having a plate about 6 inches in diameter on the lower end to prevent it from sinking into soft mud. Power was furnished by an outboard motor.

No sounding was done in Avery Point Channel. Sounding on this project was carried only to the west side of the Corpus Christi turning basin (see Sheet 2).

This work was largely reconnaissance, to test the accuracy of the chart. A beginning was made in the part of the bay where the chart showed the deepest water, and these eight lines run. The results proved that further hydrography would be useless. The soundings therefore are not reduced, and no smooth sheet has been made. Net results secured include hydrographic location of some reefs which the chart does not show.

A tide gauge was established in the bay and read by an observer for parts of three days. It was planned to use the Corpus Christi gauge for reducers for some of this work. It was then decided not to go ahead with the survey, therefore no further readings were taken and no datum plane was determined.

Discrepancies

No cross lines were run therefore no discrepancies appear.

Dangers.

The whole bay is too shallow for navigation, and dotted with oyster reefs.

Channels

There are no channels on this sheet.

Comparison With Previous Surveys.

Chart No. 1286 is taken to represent all previous surveys. There is no apparent change from the chart, except the location of shoals and reefs in the small portion surveyed, as sketched and noted on the baat sheet. Plotting these would add but very little to the value of the chart.

In Charge of Hydrography.

J. L. Hale, Observer was in charge of this work.

Statistics

Statute miles of sounding lines----------19.5
Number of soundings----------607
Number of positions----------110

Inspected and approved:
C. R. Reed
C. R. Reed
Aid, C. & G. Survey

Respectfully submitted:
W K Doolittle
W. K. Doolittle
Surveyor

25″ Reconnaissance in 1924
by E.O. Heaton Scale 1:20,000
Soundings in feet and tenths, not reduced and reducers not available.
Not to be used for charting, except the oyster reefs which may be charted